

02/14/01  
11042 U.S. PTO

02-18-01  
NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)

4  
[ ] Duplicate  
(check, if applicable)

JCE72 U.S. PTO  
09/783836  
02/14/01

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, DC 20231

Attorney Docket No. 209596.0390/92U1 (K1757)  
First Named Inventor: Peter F. Davies  
Express Mail Label No. EL665879678US  
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

COMPOSITIONS, KITS, AND METHODS FOR  
HYDRODYNAMIC STRESS-RELATED  
REGULATION OF GENE EXPRESSION

which is:

an [ ] Original; or

a [X] Continuation, [ ] Divisional, or [ ] Continuation-in-part (CIP)  
of prior International Application No. PCT/US99/18014, filed 13 August 1999.

Anticipated Group/Art Unit: \_\_\_\_\_ or Class \_\_\_\_\_, Subclass \_\_\_\_\_.

[X] This non-provisional patent application is based on Provisional Patent Application  
No. 60/096,624, filed August 14, 1998.

Enclosed are:

- [X] Specification (including Abstract) and claims: 34 pages.
- [X] Application Data Sheet.
- [X] Unexecuted Declaration (copy).
- [ ] Copy of Declaration from prior application.
- [ ] Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- [X] 8 sheets of drawings (formal) plus one copy.
- [ ] Microfiche computer program (Appendix).
- [ ] Nucleotide and/or Amino Acid Sequence Submission, including:
  - [ ] Computer readable copy [ ] Paper Copy [ ] Verified Statement.
- [ ] Under PTO-1595 Cover Sheet, an assignment of the invention
- [ ] Name of Assignee:
- [ ] Certified copy(ies) of \_\_\_\_\_ Application No(s). \_\_\_\_\_ filed \_\_\_\_\_ is/are filed:
  - [ ] herewith or [ ] in prior application \_\_\_\_\_.
- [X] Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under  
37 C.F.R. §1.27 as [ ] an Independent Inventor, or [ ] a Small Business Concern,  
or [X] a Non-Profit Organization.
- [ ] Preliminary Amendment.
- [ ] Information Disclosure Statement, PTO-1449, and cited references.

☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)

☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$355			\$710	
Total	26-20 =	6	X9	\$ 54.00	OR	X18	\$
Independent	4- 3=	1	X40	\$ 40.00	OR	X80	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$135	\$ 0	OR	\$270	\$
			<b>TOTAL</b>	<b>\$ 449.00</b>	OR	<b>TOTAL</b>	<b>\$</b>

☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.

☒ A check in the amount of \$ 449.00 to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 209596.0390)** as noted below. A duplicate copy of this sheet is enclosed.

☒ Any overpayments or deficiencies in the above-calculated fee.

☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.

☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS:**

14 February 2001  
(Date)

By:

**GARY D. COLBY, Ph.D., J.D.**

Registration No. 40,961

**AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.**

One Commerce Square

2005 Market Street - Suite 2200

Philadelphia, PA 19103

Telephone: 215-965-1200

**Direct Dial: 215-965-1285**

Facsimile: 215-965-1210

E-Mail: gcolby@akingump.com

☒ Customer Number or Bar Code Label: **000570**

GDC:hg/Encls.